INCORPORATES
BUREAU CHANGE NO. 16

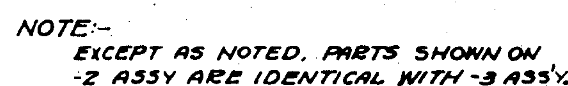
	LET	ALTERATION	DATE	BY
	C	TRACED UP TO DATE	6-13-38	[illegible]
	D.	ADDED -10 (1), NAF 213731-4D (2), NAF 213690-40 (2), NAF 213706-10D (1), 28F1215 (1) & PARKER #2-8-8 MRO TEE (1). REMOVED NAF 213707-10D (1).	8/1/38	[illegible]
C.O. 7664	E	CHANGED NAF 213731-4D TO NAF 213695-4D	4-20-39	[illegible]
C.O. 7691	F	ADDED NOTES	4-20-39	[illegible]
C.O. 7816	G	CHANGE: AN 3-D16 TO AN 3-16; AN 310-D3 TO AN 310-3	4-20-39	[illegible]
C.O. 7773A	H	ADD 2-Q7014-13-.063	4-20-39	[illegible]
	I	ADDED PBY-5 REQ	12/5/39	ZE[illegible]

SUPPLIES & EQUIPMENT CLASSIFICATION

NAF 213768-3 PLUG
FINISH:- CAD PLATE

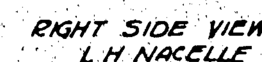
(7) 3/4 OD x .049 AL. ALLOY TUBE
NAF 213142-12-11 HOSE
NAF 27842-11 CLAMP

28-0-3007-2 SEPARATOR ASS'Y.
Q901-20 CLAMP.
AN3-16 BOLT
(G) AN310-3 NUT
AN380-2-2 COTTER
(H) Q7014-13 .063 WASHER


NOTE:-
EXCEPT AS NOTED, PARTS SHOWN ON -2 ASSY ARE IDENTICAL WITH -3 ASS'Y.

(2) ASS'Y. REAR VIEW
L.H. NACELLE

P
P
P


RIGHT SIDE VIEW
L.H. NACELLE

NOTES:-
MARK OIL LINES WITH A BRIGHT YELLOW BAND 1/2" WIDE NEAR EACH END.
PART Nº TO BE PAINTED IN BLACK NEAR EACH END.
USE CHAFING HOSE & FRICTION TAPE WHERE NECESSARY.
TAPE ALL HOSE UNDER CLAMPS.
USE PARKER "THREADLUBE" GPE OR EQUIV. ON ALL DURAL THREADS.
ELECTRICAL BONDING SHALL BE IN ACCORDANCE WITH DWG. 28E1192.
ALL ALUM. ALLOY TUBE SPEC 44T32 COND A (52S0)
FINISH TUBES Z-P-ZAL OUTSIDE.

(F) ALL PRESSURE LINES TO BE MARKED WITH LIGHT BLUE & LIGHT GREEN BANDS NEAR EACH END.

(F) P INDICATES PRESSURE
O " OIL LINES.

22Q122-9 CLAMP
AN520-6-8 SCREW
AC365-632 NUT

(6) 3/4 OD x .049 AL ALLOY TUBE
NAF 213142-12-11 HOSE
NAF 27842-11 CLAMP

28-0-3008 NIPPLE

28-0-3007-3 SEPARATOR ASS'Y
Q901-20 CLAMP
(G) AN3-16 BOLT
AN310-3 NUT
AN380-2-2 COTTER
(H) Q7014-13 .063 WASHER

(5) 1/2 OD x .042 AL ALLOY TUBE
NAF 213142-8-9 HOSE
NAF 27842-12 CLAMP
NAF 213707-8D ELBOW

(-9) NIPPLE (1 REQ'D)
(SEE DETAIL)
(BRASS-CAD PLATE) NAF 213690-12 SLEEVE (2 REQ'D)

Q908 A10-8 CLAMP
AN520-10-8 SCREW
AC365-1032 NUT
28G3017 CLIP SUPPORT

(4) 5/8 OD x .042 AL ALLOY TUBE
NAF 213706-10D NIPPLE (D)
NAF 213142-10-11 HOSE
NAF 27842-3 CLAMP

DRILL #28 (.140)
2 HOLES

REDUCING BUSHING
FURN. WITH ENG.

TYPE B-3
PESCO VACUUM PUMP

GUN SYNCHRONIZER
FLANGE (REF.)

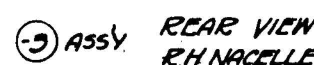
(8) 3/4 OD x .049 COPPER TUBE
SPEC WW-T-799 TYPE N
NAF 213142-12-11 HOSE (1 REQ'D)
NAF 27842-11 CLAMP (2 REQ'D)

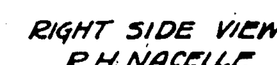
(D)

(-10) 1/4 OD x .032 AL ALLOY TUBE
NAF 213695-4D COUPLING
NAF 213690-4D SLEEVE
28F1215 RESTRICTOR (MAY BE INSERTED IN EITHER END OF -10 REF)

(D) PARKER #2-8-8 MRO TEE

P
P
P

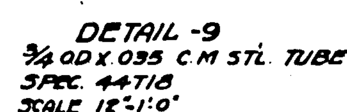

(-3) ASS'Y. REAR VIEW
R.H. NACELLE


RIGHT SIDE VIEW
R.H. NACELLE

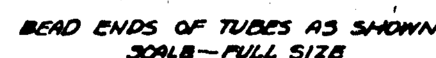
NOTE:-
THIS INSTALLATION TO BE USED ON PBY-3 SHIPS #0842 TO #0871 INCL. & #0901 TO #0907 INCL. ONLY; ON PBY-4 ALL WHEN COMPLETE DE-ICING EQUIPMENT IS INSTALLED.
SALES ORDER 925-91-1.

2 1/2

FLARE END OF -9 TO SUIT NAF SLEEVE AS SHOWN.


DETAIL -9
3/4 OD x .035 C.M. STL. TUBE
SPEC. 44T18
SCALE 12"=1'-0"

1/4 (64) 1/8


BEAD ENDS OF TUBES AS SHOWN
SCALE — FULL SIZE

	PART NO	-2 LH REQ	-3 RH REQ
(H)	Q7014-13 .063	2	2
	Q908 A10-8	1	1
	AN380-2-2	2	2
	AN310-3	2	2
	AN3-16	2	2
	AC365-632		3
	AN515 6-8		3
(D) PARKER TEE	#2-8-8 MRO	1	1
	AN516 6-8	1	1
	AC365-1032	1	1
	Q901-20	2	2
(E)	213695-4D	2	2
(D)	213690-40	2	2
BRASS-CAD PLATE. NAF	213690-12		2
NAF	213142-12-11	2	3
NAF	27842-11	4	6
NAF	213142-8-9	2	2
NAF	27842-12	4	4
NAF	213707-8D	1	1
NAF	213706-10D	1	1
NAF	213142-10-11	2	2
NAF	27842-3	4	4
NAF	213768-3	1	
PESCO	(TYPE B-3) (VAC PUMP)	1	1
	22Q122-9		1
	28G3017	1	1
	28-0-3008		1
	28-0-3007-3		1
	28-0-3007-2	1	
	28F1215	1	1
	28-0-3006-10	1	1
	28-0-3006-9		1
	-8		1
	-7	1	
	-6		1
	-5	1	
	28-0-3006-4	1	

O.H.	MODEL	NEXT ASSY	REQ
-8	PBY-5	28-0-3012	1
-8	PBY-5	28-0-3012	1
-3	PBY-4	28P3000	
-2	PBY-4	28P3000	
-3	PBY-3	28P3000	
-2	PBY-3	28P3000	

REQUIREMENTS PER AIRPLANE — STD PARTS — MAT — PARTS LIST PER ASSY

REPLACED
REPLACED BY
LCW 6-13-38
APPROVED DATE
CALC WT. ACT WT.
SCALE NOTED

A C
NAVY NOTED MATERIAL | NOTED SPEC | NONE HEAT TREAT | NOTED FINISH

DRAFT CHECK LEAD ENG

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

NAME INSTALLATION VACUUM PUMP & OIL SEPARATOR

OPP HAND
DWG J 28-0-3006

H 462